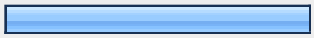
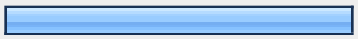
South Florida Sea Level Rise Mapping

1. The workshop will be a two-day event, and your participation is important. Please indicate your availability by selecting dates below that fit your schedule.

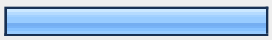
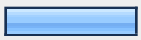
	Response Percent	Response Count
April 6 and 7	35.3%	6
April 13 and 14	47.1%	8
April 20 and 21	**82.4%**	**14**
April 27 and 28	52.9%	9
	answered question	**17**
	skipped question	**0**

2. What source(s) of baseline elevation has your organization employed to generate sea-level rise inundation maps?

	Response Percent	Response Count
Aquisition method (LiDAR, GPS Survey, photogrammy, etc)	**100.0%**	**15**
Year Collected	86.7%	13
Source	80.0%	12
Post-spacing (if known)	46.7%	7
Vertical Accuracy	73.3%	11
	answered question	**15**
	skipped question	**2**

3. Did you have access to the FDEM LiDAR data (2007) when you created your maps?			
		Response Percent	Response Count
Yes		46.7%	7
No		**53.3%**	**8**
	answered question		**15**
	skipped question		**2**

4. Do you use tidal datums and relative sea level rise trends from tide stations to calulate SLR levels used for mapping?			
		Response Percent	Response Count
No		40.0%	6
Yes		**60.0%**	**9**
	If so, which stations did you use?		10
	answered question		**15**
	skipped question		**2**

5. Who produced digital elevation models for sea level rie for use in your organization?			
		Response Percent	Response Count
An outside contracting company		40.0%	6
A non-profit		20.0%	3
A member of our own organization		**66.7%**	**10**
	answered question		**15**
	skipped question		**2**

6. What process idd you use to generate the DEM?		
		Response Count
		15
	answered question	**15**
	skipped question	**2**

7. What is the horizontal resolution (cell size) of the DEM your organization uses to map sea level rise?		
		Response Count
		15
	answered question	**15**
	skipped question	**2**

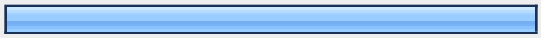
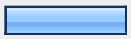
8. What horizontal (x,y) and vertical (z) accuracy specifications are required? Are you required to meet FEMA specifications?		
		Response Count
		15
	answered question	**15**
	skipped question	**2**

9. What is the starting elevation (zero) of your sea-level inundation maps?

	Response Percent	Response Count
Mean High High Water	27.3%	3
Mean High Water	0.0%	0
Mean Low Water	0.0%	0
Mean Sea Level	9.1%	1
MAVD88	**54.5%**	**6**
NGVD29	9.1%	1
How do you derive it?		9
answered question		**11**
skipped question		**6**

10. Are you familiar with the discussion on limitations of inundation mapping, coastal elevations and sea level rise found in Chapter 2 Coastal Elevations by Dean Gesch in CCSP Synthesis and Assessment Product 4.1 (2009)?

	Response Percent	Response Count
Yes	20.0%	3
No	**80.0%**	**12**
answered question		**15**
skipped question		**2**

11. Do you use a flat water surface to map sea level rise (bathtub approach)?			
		Response Percent	Response Count
Yes		81.8%	9
No		18.2%	2
	If no, please explain		5
	answered question		11
	skipped question		6

12. What horizontal datum do you use when mapping elevation?		
		Response Count
		15
	answered question	15
	skipped question	2

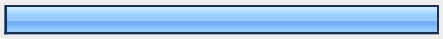
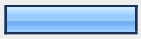
13. What vertical datum do you use when mapping elevation?		
		Response Count
		15
	answered question	15
	skipped question	2

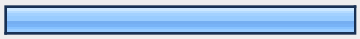
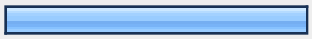
14. If the original source data was collected in NGVD29, what datum transformation model and software did you use to convert to NAVD88?		
		Response Count
		15
	answered question	**15**
	skipped question	**2**

15. Are you familiar with the NOAA VDATUM software?			
		Response Percent	Response Count
Yes		33.3%	5
No		**66.7%**	**10**
	If available in FL, would you use it?		10
	answered question		**15**
	skipped question		**2**

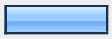
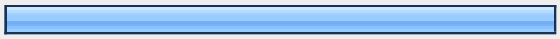
16. What types of sea level rise products does your organization create?		
		Response Count
		13
	answered question	**13**
	skipped question	**4**

17. What types of management decisions are intended to be made using sea level rise products?		
		Response Count
		12
	answered question	**12**
	skipped question	**5**

18. In what coordinate system and datum do you make your spatial data available?			
		Response Percent	Response Count
State Plane		**66.7%**	**10**
UTM		20.0%	3
Geographic		0.0%	0
Other (please specify)		13.3%	2
	answered question		**15**
	skipped question		**2**

19. Do you display uncertainty information on your sea level rise products?			
		Response Percent	Response Count
No		**53.8%**	**7**
Yes (please specify how)		46.2%	6
	answered question		**13**
	skipped question		**4**

20. What scale is appropriate for visualizing your sea level rise products? (eg - 1:12,000)		
		Response Count
		13
	answered question	**13**
	skipped question	**4**

21. What units do you use to display sea level rise data?			
		Response Percent	**Response Count**
Meters		15.4%	2
Feet		**84.6%**	**11**
Inches		0.0%	0
Centimeters		0.0%	0
	answered question		**13**
	skipped question		**4**

22. When portraying sea level rise rates over time, what predictions do you use?		
		Response Count
		12
	answered question	**12**
	skipped question	**5**

23. What increments of vertical change do you wish to depict?		
		Response Count
		11
	answered question	**11**
	skipped question	**6**

24. What other sea level rise mapping issues have you faced that you would like to discuss at this workshop?		
		Response Count
		10
	answered question	**10**
	skipped question	**7**